STORM
Deep UV 80PE (Duo)

SPECIFICATION

LED Source I	136 x UV-A (Taiwan D.LED 390nm)
LED Source II	96 x UV-B (Taiwan D.LED 310nm)
Light Distribution (Beam Angle)	120
AC Input	120-277 V 50/60 Hz
Dimming	Build In Click 5 Step, S-Controller
Thermal Management	Passive
Max. Ambient Temperature	40 C
Lifetime L90	> 50,000 hrs
Warranty	3 Years Limited
IP Rating	IP66
Industry Standard	UL8800

PHOTOSYNTHETIC PHOTON FLUX AND EFFICACY (380-800 nm)

SPECTRUM	LIGHT OUTPUT PPF (380-800 nm) (umol/s)	AC Power @ 220 V AC (W)	Efficacy (PPE) @ 220 V AC (umol/J)
PlantExtra™ Deep UV	80	100	0.80

NOMINAL ELECTRICAL AC INPUT

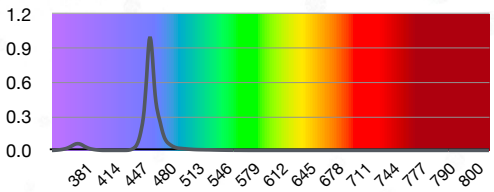
SPECTRUM	A (@ 220 V AC)	INPUT WATTS
PlantExtra™ Deep UV SPECTRA	0.45	100
	0.36	80
	0.27	60
	0.18	40

DIMENSIONS AND WEIGHT

	Length	Width	Height	Weight
STORM Deep UV SPECTRA	112 cm	40 cm	5.8 cm	2.0 kg

SPECTRUM

PlantExtra™ Deep UV SPECTRA

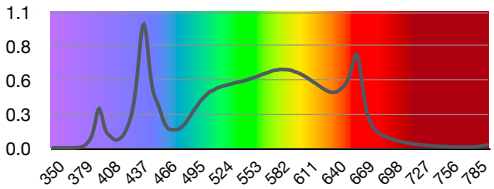


(not showing UV-B in Spectrum due to limit of sensor)

Sample1: 2X Combo Total 2,030 PAR 780W

1x Deep UV 100W 80PE

1x STORM 680W 1950PE



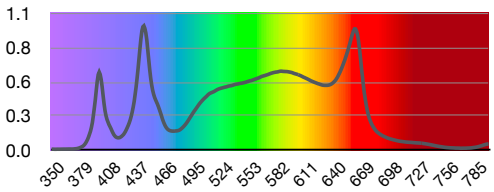
Sample2: 3X Combo Total 2,230 PAR 880W

1x Deep UV 100W 80PE

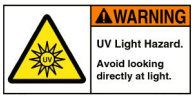
(not showing UV-B in Spectrum due to limit of sensor)

1x Deep Red 100W 200PE

1x STORM 680W 1950PE



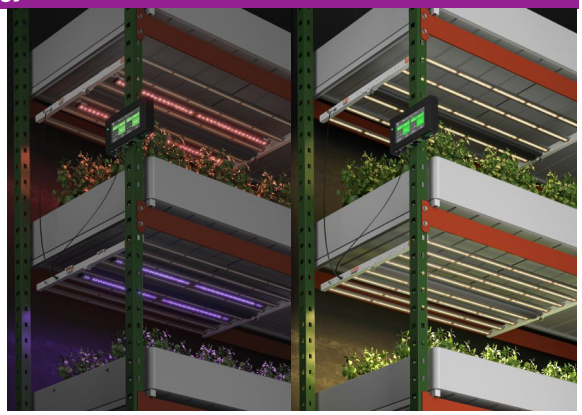
Up to 3 sets per 1 Storm



NEW* syncs-Technology

รองรับการควบคุมด้วยระบบ **syncs** เทคโนโลยีเฉพาะสำหรับการควบคุมไฟปลูก และชิปตรวจสอบความปลอดภัย พร้อมระบบจำลองพระอาทิตย์ ควบคุมละเอียดรายชั่วโมง

2 ชาแนล ควบคุมได้มากสุด 160 โคม



STORM Deep UV 80PE (Duo)

PPFD TABLE

15	19	17	18	15
19	27	18	26	15
19	29	20	29	16
19	29	20	29	16
15	21	18	23	15

พื้นที่ 120x120cm ความสูง 45 cm

(not showing UV-B in Spectrum due to limit of sensor)

14	16	16	17	12
18	22	19	20	17
18	23	22	22	17
18	21	21	22	17
14	19	18	20	15

พื้นที่ 120x120cm ความสูง 60 cm

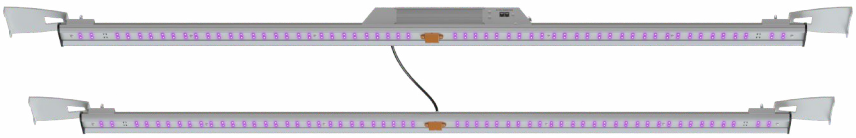
(not showing UV-B in Spectrum due to limit of sensor)

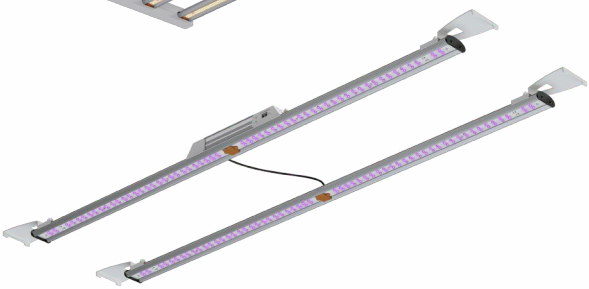
Closed Environment

120x120 cm
Mylar 97%

Test on: OHSP 350P, Sensor: CCD, Wavelength: 350~800nm ,±4% (Illuminance typ. LED)

PRODUCT IMAGES





มาตรฐานบังคับ
บนรง-1955-0130-2565

ISO 9001:2015

UL CERTIFIED

© Copyright 2020 BEARLED Science for Cultivation 2021
Subject to change without notice,
Tolerance ±10% Horticultural lighting
www.bearledgrowlight.com